

SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR
MANAGING THE DISPLAY OF INFORMATION OUTPUT BY A COMPUTER
PROGRAM

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ABSTRACT OF THE DISCLOSURE

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Spec Out

The present invention provides systems, methods, and computer program products for managing the display of information provided by a computer program on a display terminal. Specifically, the present invention provides a display management module that operates as an intermediate module between the computer program and the display terminal. The display management module interprets display commands from the computer program and controls the display terminal to display the desired information. Associated with the display management module are a group of data modules that include the text and graphical data used by the computer program to display information on the display terminal. To display information, the display management module receives a command from the computer program to display the information. Based on the command, the display management module retrieves the data from the data modules and displays the data on the display. In one embodiment, a language data module is associated with the display management module and includes text data that may be displayed by the computer program. The text data is associated with unique 16 bit identifiers called tokens. In this embodiment, to display text data, the computer program outputs the token associated with the text to be displayed and the command to display it to the display management module. Based on the token, the display management module retrieves the text data from the data module and displays the text data on the display terminal. In additional embodiments, the display management module may display text data either in different language and/or different fonts. In other embodiments, the display management module may display either one or several logos, text boxes, and scrollable text windows.

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